

Title (en)  
APPARATUS FOR PARTIALLY SLITTING ABSORBENT BOARDS

Publication  
**EP 0360472 A3 19910116 (EN)**

Application  
**EP 89309197 A 19890911**

Priority  
US 24227488 A 19880912

Abstract (en)  
[origin: EP0360472A2] Apparatus having two spaced rolls (10,11) with a plurality of intermeshed disc-like teeth (23). The rolls form a nip into which an absorbent board (15) is fed for partial slitting. The board is comprised of both long and short fibers. The apparatus separates the short fibers at each slit while leaving a number of long fibers in tack to maintain a unitary structure. Advantageously, the teeth of one roll form gaps (C) slightly wider than the thickness of the long fibers with the teeth of the other roll to permit passage of the long fibers.

IPC 1-7  
**A61F 13/15**; **B26D 1/24**; **B26F 3/04**

IPC 8 full level  
**A61F 13/15** (2006.01); **A61F 13/20** (2006.01); **A61F 13/534** (2006.01); **B26D 1/24** (2006.01); **B26D 3/08** (2006.01); **B26F 1/22** (2006.01); **B26F 3/04** (2006.01)

CPC (source: EP US)  
**A61F 13/15731** (2013.01 - EP US); **B26D 1/24** (2013.01 - EP US); **B26D 3/08** (2013.01 - EP US); **B26F 1/22** (2013.01 - EP US); **B26F 3/04** (2013.01 - EP US); **Y10T 225/30** (2015.04 - EP US); **Y10T 225/329** (2015.04 - EP US)

Citation (search report)  
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**EP 89309197 A 19890911**; AR 31491289 A 19890912; AT 89309197 T 19890911; AU 4132589 A 19890912; BR 8904597 A 19890912; CA 610967 A 19890911; CN 89108000 A 19890912; DE 68919314 T 19890911; ES 89309197 T 19890911; GR 890100578 A 19890912; IE 289989 A 19890911; IN 796CA1988 A 19880923; JP 23680689 A 19890912; MY PI19881065 A 19880923; NZ 23062689 A 19890912; PH 39222 A 19890912; US 24227488 A 19880912; ZA 896952 A 19890912; ZW 11189 A 19890911